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FLOOD PREVENTION WORK IN THE PEARL RIVER DELTA, 1949-1952Ching-chi Tao-pao
Hong Kong, 2 Dec 1952

Huai Fu (槐 夫)

The flood prevention work in the Pearl River Delta from 1949 to 1952 include the completion of earth work of 26,753,603 cubic meters, construction of 90 new culverts, and repair of 137 culverts. In addition, 776,452 cubic meters of dirt were dredged, 2,126 cubic meters of stone were dug, and 309 cubic meters of shoals were cleared. The work protected 4.5 million mou of agricultural fields and prevented the loss of 250 billion yuan.

A. Dredging in the Pearl River Area

1. Dredging the Li-chiao (濠 滘) Waterway: Work was begun in October 1950 and was completed in February 1951; approximately 2,126 cubic meters of stone and 9,470 cubic meters of sand were excavated.
2. Clearing the shoals of Kan-chu-t'an (甘 竹 灘): Work was begun in October 1951 and was completed in March 1952; approximately 309 cubic meters of shoals were eliminated. After completion of the project, over 8,000 boats carrying over 700,000 passengers and over 130,000 tons of commodities could safely cross Kan-chu-t'an.
3. Dredging the Ch'en-ts'un (陳 村) Waterway: Work was begun in February 1951 and was completed in June 1952. According to statistics, the fuel saving will amount to 14.7 billion yuan annually.

B. Flood Prevention and Irrigation Work in the Pearl River Area

The work in 1950 included the completion of 5,804,476 cubic meters of earthwork and the repair of nine culverts. The work in 1951 included the completion of 11,867,240 cubic meters of earthwork, 168,453 cubic meters of stonework, construction of 46 culverts, and repair of 118 culverts. The work in 1952 up to July include the completion of 9,081,887 cubic meters of earthwork, 162,511 cubic meters of stonework, construction of 44 culverts, and repair of ten culverts.

C. Jen-tzu (人 字) Lock in South China

The work done on Jen-tzu Lock included 64,000 cubic meters of earthwork and brickwork and 3,590 cubic meters of cement work. The outer gate is about 9 meters in height, and the gate openings are 5 meters wide, so that 25-meter-long boats with a draft of 1.5 meters can enter and leave the gate.

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